

**To:** Martinich, Jeremy[Martinich.Jeremy@epa.gov]; DeLuca, Isabel[DeLuca.Isabel@epa.gov]  
**From:** Birnbaum, Rona  
**Sent:** Thur 12/15/2016 4:28:48 PM  
**Subject:** RE: yale e360 journalist inquiry  
[QA Bruce Stutz Yale e360.docx](#)

Jeremy, looks very good. I made just a few comments on your responses and remember to drop my comment bubble ☺

Thanks, Rona

**From:** Martinich, Jeremy  
**Sent:** Wednesday, December 14, 2016 10:49 PM  
**To:** DeLuca, Isabel <DeLuca.Isabel@epa.gov>; Birnbaum, Rona <Birnbaum.Rona@epa.gov>  
**Subject:** Re: yale e360 journalist inquiry

Hi Rona and Isabel,

I've drafted responses to the incoming questions from the e360 reporter. As you'll see, there's one placeholder for a link to the USGCRP Climate Science Special Report that I think is supposed to be released tomorrow. I'll drop that link into this doc in the morning.

In the meantime, I wanted to share this with you for your thoughts. Thanks,

Jeremy

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**From:** DeLuca, Isabel  
**Sent:** Tuesday, December 13, 2016 9:46 AM  
**To:** Martinich, Jeremy  
**Subject:** FW: yale e360 journalist inquiry

Hi Jeremy,

Thanks for the reminder—this one fell through the cracks. Of course ☹ now they're asking for this by COB today. If that's not doable I'll push back, just let me know.

**From:** StClair, Christie  
**Sent:** Tuesday, December 13, 2016 9:43 AM  
**To:** DeLuca, Isabel <[DeLuca.Isabel@epa.gov](mailto:DeLuca.Isabel@epa.gov)>; Jones, Enesta <[Jones.Enesta@epa.gov](mailto:Jones.Enesta@epa.gov)>  
**Subject:** RE: yale e360 journalist inquiry

Isabel,

Many many apologies. He did send these back Friday, but it was a really tough day here, and I missed them. I'm so glad you followed up.

Here's the revised question list. If it's possible to cover them (or as many as you can) by COB today, that would be great.

**Background:** I'm at work on a story for Yale Environment 360 ([e360.yale.edu](http://e360.yale.edu)) on the vulnerability of disadvantaged communities to sea level rise. I'm focusing on the small African American community of Southbridge in Wilmington, DE, which, at barely 4 feet above sea level is subject to the storm surges that come up the Delaware Bay as well as by extreme rain and tide events. In your 2013 "Risks" paper, you discuss identifying communities at risk and how their lower property values may lead to abandonment rather than mitigation.

## Yale Environment 360: Reporting, Analysis, Opinion & Debate

[e360.yale.edu](http://e360.yale.edu)

Yale Environment 360 is an online magazine offering opinion, analysis, reporting and debate on global environmental issues. It is a publication of the Yale School of ...

**Questions:**

1. What are the latest estimates the EPA is using for the range of sea level rise along the East Coast from now until 2100? Is there a chart that shows the different estimates for the mid-Atlantic vs. the Southeastern states coasts?
2. Is there storm surge data as well?
3. I'd like to be able to give readers a concise understanding of NCPM. I'm not certain exactly whether the NCPM measures only tidal range against elevation or does it also account in some way for storm surge?
4. Has the methodology used in this article been updated at all? Are there examples of where it's been or is being put to use?
5. Many of these low-lying areas are also subject to more frequent and intense rain events. Do you know if anyone has looked at this and the issue of environmental justice communities along inland streams and rivers that, due to climate change, may be more vulnerable to flooding.
6. In Wilmington they are attempting to use mitigation measures to hopefully increase the value of the at-risk property. Do you see this as a viable path for some areas?
7. Since you worked on the paper have you or researchers you know worked on some specific areas with regard to SLR and Environmental Justice issues?

**Christie St. Clair**

Office of Public Affairs

Environmental Protection Agency

Washington, DC

o: 202-564-2880

m: 202-768-5780

**From:** DeLuca, Isabel  
**Sent:** Tuesday, December 13, 2016 9:38 AM  
**To:** StClair, Christie <[StClair.Christie@epa.gov](mailto:StClair.Christie@epa.gov)>; Jones, Enesta <[Jones.Enesta@epa.gov](mailto:Jones.Enesta@epa.gov)>  
**Subject:** RE: yale e360 journalist inquiry

Hi y'all,

What's the status of this request?

Thanks,

Isabel

**From:** StClair, Christie  
**Sent:** Friday, December 09, 2016 12:30 PM  
**To:** DeLuca, Isabel <[DeLuca.Isabel@epa.gov](mailto:DeLuca.Isabel@epa.gov)>; Jones, Enesta <[Jones.Enesta@epa.gov](mailto:Jones.Enesta@epa.gov)>  
**Subject:** RE: yale e360 journalist inquiry

Enesta's out today, so I'll reach out to the reporter. Thanks, Isabel.

**Christie St. Clair**

Office of Public Affairs

Environmental Protection Agency

Washington, DC

o: 202-564-2880

m: 202-768-5780

**From:** DeLuca, Isabel

**Sent:** Friday, December 09, 2016 12:28 PM

**To:** Jones, Enesta <[Jones.Enesta@epa.gov](mailto:Jones.Enesta@epa.gov)>; StClair, Christie <[StClair.Christie@epa.gov](mailto:StClair.Christie@epa.gov)>

**Subject:** FW: yale e360 journalist inquiry

Hi all,

The inquiry below came in directly to staff. Since he's with Yale e360, I was wondering if you would like to handle this like a press inquiry? If so, can you reach out and find out the deadline?

Thanks!

Isabel

**From:** Bruce Stutz <[brucestutz@earthlink.net](mailto:brucestutz@earthlink.net)>

**Date:** December 8, 2016 at 19:02:11 EST

**To:** [martinich.jeremy@epa.gov](mailto:martinich.jeremy@epa.gov)

**Subject:** yale e360 journalist inquiry

Dr. Martinich,

I'm at work on a story for Yale Environment 360 ([e360.yale.edu](http://e360.yale.edu)) on the vulnerability of disadvantaged communities to sea level rise. I'm focusing on the small African American community of Southbridge in Wilmington, DE, which, at barely 4 feet above sea level is subject to the storm surges that come up the Delaware Bay as well as by extreme rain and tide events. In your 2013 "Risks" paper, you discuss identifying communities at risk and how their lower property values may lead to abandonment rather than mitigation. I have a couple of questions if you have time to talk or respond by email anytime soon.

I'd like to be able to give readers a concise understanding of NCPM. I'm not certain exactly whether the NCPM measures only tidal range against elevation or does it also account in some way for storm surge?

Many of these low-lying areas are also subject to more frequent and intense rain events. Do you know if anyone has looked at this and the issue of environmental justice communities along inland streams and rivers that, due to climate change, may be more vulnerable to flooding.

In Wilmington they are attempting to use mitigation measures to hopefully increase the value of the at-risk property. Do you see this as a viable path for some areas?

Since you worked on the paper have you or researchers you know worked on some specific areas with regard to SLR and Environmental Justice issues?

Thanks for your time and consideration. I look forward to hearing from you.

Best regards,

Bruce

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